

Title (en)

Window wiper system with depressed park mechanism.

Title (de)

Scheibenwischersystem mit Mechanismus zum Absenken des Scheibenwischers in Parkstellung.

Title (fr)

Système d'essuie-glace avec mécanisme de mise en retrait à l'arrêt.

Publication

EP 0513897 A1 19921119 (EN)

Application

EP 92201242 A 19920504

Priority

GB 9110676 A 19910517

Abstract (en)

A window wiper system (10) with a depressed park mechanism consists of: a reversible electric motor driving an output drive member (12); an eccentric cam member (34) pivotally mounted on the drive member (12); a sector link (50) pivotally connected at one end to the cam member (34), held in place by a resilient biasing means, and at its other end engaging a wiper drive shaft. When the drive member (12) is rotated in a clockwise sense an abutment (44) on the cam member (34) is held against a cam stop (19) provided on the drive member (12). No relative movement between the cam (34) and the drive member (12) is possible and the sector link (50) reciprocates through a circular arc corresponding to the desired wipe pattern. On reversing the drive, the cam (34) rotates relative to the drive member (12). The offset between the drive member axis and cam/sector link pivot axis (40) increases until the cam stop (19) abuts against a second abutment (44) on the cam (34). This increased offset forces the sector link (50) into a larger circular arc, driving the wiper blade into its depressed parking position. <IMAGE>

IPC 1-7

B60S 1/18; **B60S 1/58**

IPC 8 full level

B60S 1/18 (2006.01); **B60S 1/58** (2006.01)

CPC (source: EP)

B60S 1/185 (2013.01); **B60S 1/583** (2013.01)

Citation (search report)

- [A] EP 0401970 A2 19901212 - GEN MOTORS CORP [US]
- [A] EP 0188226 A2 19860723 - ASMO CO LTD [JP]
- [A] EP 0188306 A2 19860723 - GEN MOTORS CORP [US]

Cited by

CN107061635A

Designated contracting state (EPC)

DE ES FR IT

DOCDB simple family (publication)

EP 0513897 A1 19921119; GB 2255710 A 19921118; GB 2255710 B 19941109; GB 9110676 D0 19910710

DOCDB simple family (application)

EP 92201242 A 19920504; GB 9110676 A 19910517